

Chapter ILHR 63

ENERGY CONSERVATION

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Note: Chapter Ind 63 was renumbered to be chapter ILHR 63 effective January 1, 1984.

Part I—Scope and Purpose

ILHR 63.001 Scope. (1) GENERAL. The provisions of this chapter shall apply to all public buildings and places of employment. These provisions are not retroactive unless specifically stated in the administrative rule. Where different sections of this chapter specify different requirements, the most restrictive requirement shall govern.

(2) EXEMPT BUILDINGS AND STRUCTURES. Buildings and structures, or portions thereof, without space heating or cooling, service water heating, or illumination are exempt from the requirements of this chapter.

(3) APPLICATIONS TO EXISTING BUILDINGS. (a) Additions to existing buildings or structures may be made without making the entire building or structure comply, but the addition shall comply with the requirements of this chapter.

(b) Any change of occupancy or use of any existing building or structure within the scope of this chapter which would increase the energy consumption shall not be permitted unless such building or structure is made to comply with the requirements of this chapter.

(c) Heating and cooling equipment replacement and complete lighting system replacement shall comply with the requirements of this chapter.

Note: It is the intent of the department to have every new building or addition and every change of occupancy meet the energy conservation requirements of this chapter. It is not the intent to prevent a previously built building from installing air conditioning, nor to cause equipment with several years of remaining service to be discarded due to not being able to meet the required efficiencies of this chapter. However, occupancy changes such as building a

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warehouse and later remodeling it into an office space will not be permitted unless all the requirements of this chapter are met.

History: Cr. Register, May, 1978, No. 269, eff. 7-1-78, am. (2) and (3)(b), Register, January, 1980, No. 289, eff. 2-1-80; cr. (3) (c), Register, December, 1983, No. 366, eff. 1-1-84.

ILHR 63.002 Purpose. The purpose of this chapter is to provide design requirements which will promote efficient utilization of energy in public buildings and places of employment.

(1) **GENERAL.** The intent of this chapter is to provide minimum requirements for construction and equipment to conserve energy.

(2) **FLEXIBILITY IN USE.** It is intended that this chapter be flexible and permit the use of innovative approaches and techniques to achieve effective utilization of energy.

(3) **CONFLICT WITH OTHER RULES.** This chapter is not intended to conflict with any safety or health requirements. Where such conflict occurs, the safety and health requirements shall govern.

History: Cr. Register, May, 1978, No. 269, eff. 7-1-78.

ILHR 63.01 Plans and specifications. Architectural and mechanical plans and specifications shall be submitted in accordance with the requirements outlined in ss. ILHR 50.07 and 50.12 and shall contain details and data to demonstrate compliance with the requirements of this chapter. Such information shall include, but is not limited to: design criteria, exterior envelope component materials, resistance values of insulating materials, and the thermal performance value of the building envelope. Size and type of equipment, system and equipment controls and equipment efficiencies shall be submitted with the mechanical plans.

Note: The resistance values for insulating materials are expressed in Fahrenheit degrees per Btu/(hour)(square foot).

History: Cr. Register, May, 1978, No. 269, eff. 7-1-78; am. (1), Register, December, 1978, No. 276, eff. 1-1-79; r. and rec. (2), Register, January, 1980, No. 289, eff. 2-1-80; r. (2), renun. (1) to be ILHR 63.01, Register, December, 1983, No. 360, eff. 1-1-86.

Part II—Definitions

ILHR 63.02 Definitions. (1) **COEFFICIENT OF PERFORMANCE (COP).** Coefficient of performance is the ratio of the rate of net heat removal for cooling or net heat output for heating to the rate of total energy input, expressed in consistent units and under standard rating conditions;